

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): Method of coating of a device with a substance comprising the steps of:

(a) providing a container having a receptacle for receiving the device to be coated, wherein the receptacle of the container is coaxially located within a container housing, the container and the receptacle being configured so that the device is coatable with the coating substance directly in the container, wherein an inner surface of the receptacle is coated with a layer of an inert, repelling material configured to increase a quantitative deposition of the coating substance on the device;

(b) providing a solution of the coating substance within the receptacle;

(c) inserting the device into the solution of the coating substance within the receptacle of the container, where the order of steps (b) and (c) can be reversed; and

(d) starting isothermal drying of the device while the device remains within the solution held within the receptacle of the container, thereby removing volatile components from the solution of the coating substance.

Claims 2-3 (Cancelled)

Claim 4 (Previously Presented): The method of claim 1, wherein said substance is a pharmaceutically active substance.

Claim 5 (Cancelled)

Claim 6 (Previously Presented): The method of claim 4, wherein said pharmaceutically active substance is immobilized in an inorganic or organic bioresorbable material.

Claim 7 (Cancelled)

Claim 8 (Previously Presented): The method of claim 1, wherein said substance comprises nonactive ingredients.

Claim 9 (Previously Presented): The method of claim 1, wherein said substance comprises calcium phosphates.

Claim 10 (Cancelled)

Claim 11 (Previously Presented): The method of claim 1, wherein the container becomes a packaging container for the device.

Claim 12 (Previously Presented): The method of claim 1, wherein said solution is an aqueous solution or an organic solvent.

Claim 13 (Previously Presented): The method of claim 1, wherein said solution is an acid aqueous solution.

Claim 14 (Previously Presented): The method of claim 1, wherein said solution contains an antioxidant.

Claim 15 (Original): The method of claim 14, wherein said antioxidant is methionin or its derivatives.

Claim 16 (Previously Presented): The method of claim 1, wherein said device is made of metal or metal alloy.

Claim 17 (Previously Presented): The method of claim 1, wherein said device is a dental implant or a coronary stent.

Claims 18-47 (Cancelled)

Claim 48 (Previously Presented): The method of claim 1, wherein the method provides a homogeneous distribution of the coating on the device.

Claims 49-50 (Cancelled)

Claim 51 (Previously Presented): The method of claim 1, wherein said device is made of titanium or a titanium alloy.

Claim 52 (Previously Presented): The method of claim 1, wherein said device is made of calcium phosphate.

Claim 53 (Previously Presented): The method of claim 1, wherein said device is made of β -tricalcium phosphate.

Claim 54 (New): Method of coating of a device with a substance comprising the steps of:

(a) providing a container having a receptacle for receiving the device to be coated, wherein the receptacle of the container is coaxially located within a container housing, the container and the receptacle being configured so that the device is coatable with the coating substance directly in the container, wherein an inner surface of the receptacle is coated with a layer of an inert, repelling

material configured to increase a quantitative deposition of the coating substance on the device, and wherein the container and the receptacle is a packaging container for the device;

(b) providing a solution of the coating substance within the receptacle;

(c) inserting the device into the solution of the coating substance within the receptacle of the container, where the order of steps (b) and (c) can be reversed; and

(d) starting isothermal drying of the device while the device remains within the solution held within the receptacle of the container, thereby removing volatile components from the solution of the coating substance.